COURSE DESCRIPTION
Continued advances in ultrasound technology and diagnostic utility, including 3D and 4D sonography and Doppler, make it difficult for those who practice ultrasound to stay current and up-to-date on new techniques and diagnostic capabilities. The thirty-seventh annual course on Ultrasound includes one day of General and Vascular Ultrasound followed by two days devoted to Obstetrical and Gynecological Ultrasound.

Exhibitors of ultrasound equipment, software, and books will be present at the course.

OBJECTIVES
The course will provide an up to date overview of current ultrasound practice and techniques.

Upon completion of the course, the practitioner will be able to:

- Use full capabilities of their ultrasound equipment
- Make more accurate diagnoses with ultrasound
- Use ultrasound in conjunction with other imaging modalities, when appropriate, to solve clinical problems
- Utilize ultrasound for guiding invasive procedures for biopsy and treatment

KEY TOPICS
- First Trimester Emergency Ultrasound
- Nuchal Translucency Screening
- 3D and 4D in Obstetrical and Gynecologic Ultrasound
- Subtle and Transient Fetal Anatomic Findings
- Fetal Anomalies
- Fetal Echocardiology
- Multiple Gestations
- Adnexal Masses
- Uterus and Endometrium
- Diffuse and Focal Liver Disease
- Abdominal, Carotid, and Venous Doppler
- Thyroid and Parathyroid Ultrasound
- Scrotal Ultrasound

WHO SHOULD ATTEND
The course is directed to radiologists, obstetrician/gynecologists, and other physicians whose scope of practice includes ultrasound, as well as sonographers.

GUEST FACULTY

Alfred Z Abuhamad, MD, FACOG: Chairman, Department of Obstetrics and Gynecology, Professor of Obstetrics and Gynecology and Radiology, Vice Dean, Eastern Virginia Medical School, Norfolk, VA

Douglas Brown, MD: Professor of Radiology, Mayo Clinic College of Medicine, Rochester, MN

Laurence Needleman, MD: Associate Professor of Radiology, Jefferson Medical College; Director, Division of Abdominal Imaging, Medical Director, Non-invasive Vascular Lab, Thomas Jefferson University Hospital, Philadelphia, PA

Mitchell E Tublin, MD: Professor of Radiology, Chief of Abdominal Imaging, Director of Ultrasound, University of Pittsburgh, Pittsburgh, PA

HARVARD MEDICAL SCHOOL FACULTY

Beryl R Benacerraf, MD: Clinical Professor of Obstetrics, Gynecology and Radiology; Brigham and Women’s Hospital

Carol B Benson, MD: Professor of Radiology; Director, Division of Ultrasound, Co-Director, High Risk Obstetrical Ultrasound, Brigham and Women’s Hospital

Peter M Doubilet, MD, PhD: Professor of Radiology; Senior Vice Chair of Radiology, Brigham and Women’s Hospital

Sara M Durfee, MD: Assistant Professor of Radiology; Brigham and Women’s Hospital

Mary C Frates, MD, FACR: Associate Professor of Radiology; Assistant Director, Division of Ultrasound, Brigham and Women’s Hospital

Robin P Goldenson, MD: Instructor in Radiology; Brigham and Women’s Hospital

Howard T Heller, MD: Instructor in Radiology; Brigham and Women’s Hospital

Hope E Peters, MD: Instructor in Radiology; Brigham and Women’s Hospital

Julie Ritner, MD: Instructor in Radiology; Brigham and Women’s Hospital

Mary A Warner, MD: Instructor in Radiology; Brigham and Women’s Hospital
THURSDAY, APRIL 12

Moderator: Dr Doubilet

7:00 Registration / Continental Breakfast

7:55 Welcome and Introduction

8:00 Thyroid and Parathyroid Ultrasound

8:40 Scrotal Ultrasound

9:20 Renal Sonography: Prospects for the Future

10:00 COFFEE BREAK

10:30 Doppler Waveforms and Artifacts

11:10 Focal and Diffuse Liver Disease

11:50 Questions and Answers

12:05 LUNCH RECESS

Moderator: Dr Goldenson

1:20 Liver Contrast Imaging

1:40 Carotid Ultrasound

2:20 Abdominal Doppler

3:00 COFFEE BREAK

3:30 Upper and Lower Extremity Venous Ultrasound

4:10 Gallbladder and Biliary Tree

4:40 Measurements in Abdominal Ultrasound

5:00 Questions and Answers

5:15 Adjourn

FRIDAY, APRIL 13

Moderator: Dr Frates

7:00 Continental Breakfast

7:55 Welcome and Introduction

8:00 Infertility

8:40 First Trimester Emergency Ultrasound

9:20 Adnexal Masses and Cysts

10:00 COFFEE BREAK AND VISIT EXHIBITS

10:30 The use of 3D Ultrasound in Gynecology – The Beginning of a New Era!

11:10 Nongravid Uterus and Endometrium

11:50 Questions and Answers

12:05 LUNCH RECESS

Moderator: Dr Peters

1:20 Diagnosis and Treatment of Unusual Ectopic Pregnancies

1:50 Postpartum and Postmiscarriage Pelvic Ultrasound

2:30 First Trimester Fetal Anatomy

3:10 COFFEE BREAK AND VISIT EXHIBITS

3:40 Obstetrical Ultrasound: Non-Fetal Abnormalities

4:20 Multiple Gestations

5:00 Questions and Answers

5:15 Adjourn

SATURDAY, APRIL 14

Moderator: Dr Benson

8:00 Ultrasound-Guided Interventions in Obstetrics

8:40 Subtle and Transient Fetal Anatomic Findings – What Do They Mean?

9:20 Nuchal Translucency Screening

10:00 COFFEE BREAK AND VISIT EXHIBITS

10:30 Fetal Thorax

11:10 Fetal Echocardiography: Normal and Abnormal

11:50 Questions and Answers

12:05 LUNCH RECESS

Moderator: Dr Durfee

1:20 3D Ultrasound in Obstetrics

2:00 Fetal Skeleton, Including 3D Ultrasound

2:40 Fetal Gastrointestinal System

3:15 COFFEE BREAK AND VISIT EXHIBITS

3:45 Fetal Genitourinary System

4:20 Fetal Central Nervous System

5:00 Questions and Answers

5:15 Adjourn

Program changes/substitutions may be made without notice.
ULTRASOUND 2012 - CLASS #322520

April 12-14, 2012

TUITION FEE:

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Please check the days you plan to attend:
- ❑ Thursday
- ❑ Friday
- ❑ Saturday

Print Name Clearly — All Fields Required

Full Name_________________________________________________________

Mailing Address________________________________________________________

City___________________________ State___________________________ Zip___________________________

Daytime Phone (______)______________ Fax Number (______)_________________

Email Address_________________________________________________________

Please check if you wish to be excluded from receiving email notices of future Harvard Medical School - Department of Continuing Education programs.
- ❑ Yes
- ❑ No

Profession___________________________ Degree___________________________

Primary Specialty (Physicians Only):___________________________ Board Certified: Yes ❑ No ❑

Professional School Attended (Physicians Only):
- ❑ Harvard Medical School
- ❑ U.S. Medical School
- ❑ International

Year of Graduation___________________________

Online Registrants - add the first three characters of the source code found here: Source Code: X ZZ

In an effort to “Go Green”, each participant will receive an electronic syllabus only. We will no longer be providing paper versions.